



U.S. Patent Application Serial No. 10/533,537
Reply to OA dated August 21, 2006

AMENDMENTS TO THE SPECIFICATION:

Amend the specification as follows:

Replace the paragraph beginning at line 16, page 5, with the following rewritten paragraph:

For achieving the first object of the invention, a connector housing ~~as defined in claim 1~~ comprises a plurality of terminal-receiving chambers for receiving a metal terminal, wherein a mark is provided on an outer surface of the connector housing corresponding to each terminal-receiving chamber, and indicates a specified metal terminal to be received by said mating terminal-receiving chamber.

Replace the paragraph beginning at line 23, page 5, with the following rewritten paragraph:

For achieving the first object of the invention, a connector housing ~~as defined in claim 2~~ is the connector housing ~~as defined in claim 1~~, wherein the terminal-receiving chamber is formed with a plurality of partition walls, an opening of the terminal-receiving chamber is surrounded with said partition walls, and the mark is provided on a surface of one of the partition walls surrounding the opening of the terminal-receiving chamber, said surface being flush with the opening.

Replace the paragraph beginning at line 8, page 6, with the following rewritten paragraph:

For achieving the first object of the invention, a connector housing ~~as defined in claim 3~~ is the connector housing ~~as defined in claim 1~~, wherein the terminal receiving chamber is formed with a plurality of partition walls, the opening of the terminal-receiving chamber is surrounded with the

plurality of partition walls, and the mark is provided on an end near the opening of an inner surface of the terminal-receiving chamber.

Replace the paragraph beginning at line 15, page 6, with the following rewritten paragraph:

For achieving the second object of the invention, a method of marking a connector housing ~~as defined in claim 4~~ comprises the steps of: providing a connector housing with a plurality of terminal-receiving chambers for receiving a metal terminal; forming a mark corresponding to each terminal-receiving chamber for indicating a specified metal terminal to be received by the mating terminal-receiving chamber corresponding to the mark, wherein said step of forming the mark is achieved by jetting a specified volume of coloring agent toward the connector housing to deposit the coloring agent on the connector housing.

Replace the paragraph beginning at line 1, page 7, with the following rewritten paragraph:

For achieving the second object of the invention, a method of marking a connector housing ~~as defined in claim 5~~ is the method of marking a connector housing ~~as defined in claim 4~~, wherein the step of providing the connector housing with a plurality of terminal-receiving chambers is achieved by forming the terminal-receiving chamber with a plurality of partition walls to surround an opening of the terminal-receiving chamber with the partition walls, and the step of forming the mark is achieved by jetting a specified volume of the coloring agent toward a surface of one of the

partition walls surrounding the opening of the terminal-receiving chamber, said surface being flush with said opening.

Replace the paragraph beginning at line 13, page 7, with the following rewritten paragraph:

For achieving the second object of the invention, a method of marking a connector housing ~~as defined in claim 6~~ is the method of marking a connector housing ~~as defined in claim 4~~, wherein the step of providing the connector housing with a plurality of terminal-receiving chambers is achieved by forming the terminal-receiving chambers is achieved by forming the terminal-receiving chamber with a plurality of partition walls to surround the opening of the terminal-receiving chamber with the partition walls, and the step of forming the mark is achieved by jetting a specified amount of the coloring agent toward an end near the opening of the inner surface of the terminal-receiving chamber.

Replace the paragraph beginning at line 24, page 7, with the following rewritten paragraph:

For achieving the first object of the invention, a method of inserting a metal terminal into a connector housing having a plurality of terminal-receiving chambers for receiving a metal terminal ~~as defined in claim 7~~ comprises the steps of: forming the terminal-receiving chamber with a plurality of partition walls to surround an opening of the terminal-receiving chamber with the partition walls; marking a plurality of marks, each of which is provided at each terminal-receiving chamber, and indicates a specified metal terminal to be received by the mating terminal-receiving chamber

corresponding to the mark; and inserting the specified metal terminal to the mating terminal-receiving chamber corresponding to the mark through the opening.

Replace the paragraph beginning at line 13, page 8, with the following rewritten paragraph:

For achieving the first object of the invention, preferably, a method of inserting the metal terminal into the connector housing ~~as defined in claim 8~~ is the method of inserting the metal terminal into the connector housing ~~as defined in claim 7~~, wherein the mark is provided on a surface, which is flush with an opening of the terminal-receiving chamber, of one of the partition walls surrounding the opening.

Replace the paragraph beginning at line 20, page 8, with the following rewritten paragraph:

For achieving the first object of the invention, a method of inserting the metal terminal into the connector housing ~~as defined in claim 9~~ is the method of inserting the metal terminal into the connector housing ~~as defined in claim 7~~, wherein the mark is provided at an end near the opening of the inner surface of the terminal-receiving chamber.

Replace the paragraph beginning at line 2, page 9, with the following rewritten paragraph:

According to the present invention ~~as defined in claim 1~~, the mark indicating the metal terminal to be received by the mating terminal-receiving chamber is provided, corresponding to each mating terminal-receiving chamber. Therefore, the metal terminal indicated by the mark can be

inserted by turns into the mating terminal-receiving chamber. Therefore, the metal terminal indicated by the mark can be inserted by turns into the mating terminal-receiving chamber. Further, since the mark is provided on the outer surface of the connector housing, a displacement between the mark and the connector housing can be prevented. The mark as defined in this description implies various figures, characters (including numerals) and the like.

Replace the paragraph beginning at line 12, page 9, with the following rewritten paragraph:

According to the present invention ~~as defined in claim 2~~, the mark is provided on the surface of one of the partition walls surrounding the opening of the terminal-receiving chamber. Therefore, the mark can be easily recognized and the displacement between the mark and the connector housing can be prevented.

Replace the paragraph beginning at line 17, page 9, with the following rewritten paragraph:

According to the present invention ~~as defined in claim 3~~, the mark is provided at an end near the opening of the inner surface of the terminal-receiving chamber. Therefore, the mark can be easily recognized and the displacement between the mark and the connector housing can be prevented. Further, since the mark is provided on the inner surface of the terminal-receiving chamber, a correspondence error between the mark and the terminal-receiving chamber can be prevented.

Replace the paragraph beginning at line 1, page 10, with the following rewritten paragraph:

According to the present invention ~~as defined in claim 4~~, a specified volume of the coloring agent is jetted toward the connector housing. Therefore, coloring agents deposited on the connector housing can be prevented from mixing together. Accordingly, the marks corresponding to respective terminal-receiving chambers can be formed reliably.

Replace the paragraph beginning at line 9, page 11, with the following rewritten paragraph:

According to the present invention ~~as defined in claim 5~~, a specified volume of coloring agent is jetted toward the surface of one of the partition walls of the connector housing. Therefore, the mark is reliably formed on the surface of one of the partition walls surrounding the terminal-receiving chamber. Accordingly, the mark can be easily recognized.

Replace the paragraph beginning at line 15, page 11, with the following rewritten paragraph:

According to the present invention ~~as defined in claim 6~~, a specified volume of coloring agent is jetted toward the end near the opening of the inner surface of the terminal-receiving chamber. Therefore, the mark can be reliably formed at the end near the opening of the inner surface of the terminal-receiving chamber. Accordingly, the mark can be easily recognized. Since the mark is provided on the inner surface of the terminal-receiving chamber, the corresponding error between the mark and the terminal-receiving chamber can be prevented.

Replace the paragraph beginning at line 24, page 11, with the following rewritten paragraph:

According to the present invention ~~as defined in claim 7~~, the mark indicating the metal terminal to be received by the mating terminal-receiving chamber is provided, corresponding to each mating terminal-receiving chamber. Further, since the mark is provided on the outer surface of the connector housing, a displacement between the mark and the connector housing can be prevented. Therefore, since the metal terminal indicated by the mark is inserted by turns into the mating terminal-receiving chamber corresponding to the mark, a metal terminal can be prevented from being inserted into a wrong terminal-receiving chamber.

Replace the paragraph beginning at line 11, page 12, with the following rewritten paragraph:

According to the present invention ~~as defined in claim 8~~, the mark is provided on the surface of one of the partition walls surrounding the opening of the terminal-receiving chamber. Therefore, the mark can be easily recognized and the displacement between the mark and the connector housing can be prevented. Accordingly, since the mark can be easily recognized, by inserting by turns the metal terminal indicated by the mark into the mating terminal-receiving chamber corresponding to the mark, the metal terminal can be prevented from being inserted into a wrong terminal-receiving chamber.

Replace the paragraph beginning at line 21, page 12, with the following rewritten paragraph:

According to the present invention ~~as defined in claim 9~~, the mark is provided at an end near the opening of the inner surface of the terminal-receiving chamber. Therefore, the mark can be easily recognized and the displacement between the mark and the connector housing can be prevented. Further, since the mark is provided on the inner surface of the terminal-receiving chamber, a correspondence error between the mark and the terminal-receiving chamber can be prevented. Accordingly, since the mark can be easily recognized and the correspondence error between the mark and the terminal-receiving chamber can be prevented, by inserting by turns the metal terminal indicated by the mark into the mating terminal-receiving chamber corresponding to the mark, the metal terminal can be prevented from being inserted into a wrong terminal-receiving chamber.

Replace the paragraph beginning at line 14, page 33, with the following rewritten paragraph:

As is explained above, in the present invention ~~described in claim 1~~, a mark for indicating a metal terminal to be received in a mating terminal-receiving chamber is provided at each terminal-receiving chamber corresponding to the mark. Therefore, the metal terminal indicated by the mark can be by turns inserted into the mating terminal-receiving chamber. Accordingly, an insertion of a wrong metal terminal into the terminal-receiving chamber can be prevented. Further, since the mark is formed on an outer surface of a connector housing, a displacement between the connector housing and the mark can be prevented. Therefore, since the metal terminal indicated by the mark

is reliably inserted into the terminal-receiving chamber, the insertion of the wrong metal terminal into the terminal-receiving chamber can be prevented. Further, since the mark is formed on the outer surface, whether the specified metal terminal is inserted into the mating terminal-receiving chamber or not can be confirmed with the mark.

Replace the paragraph beginning at line 7, page 34, with the following rewritten paragraph:

According to this invention ~~as described in claim 2~~, the mark is provided at one of the surfaces of the partition walls surrounding the opening of the terminal-receiving chamber. Therefore, the mark can be easily recognized, so that the metal terminal indicated by the mark can be inserted into the mating terminal-receiving chamber by turns. In addition, a displacement between the mark and the connector housing can be prevented. Therefore, a wrong insertion of the metal terminal into the terminal-receiving chamber can be prevented. Further, since the mark can be easily recognized, whether the specified metal terminal is inserted into the mating terminal-receiving chamber or not can be confirmed with the mark.

Replace the paragraph beginning at line 19, page 34, with the following rewritten paragraph:

According to this invention ~~as described in claim 3~~, the mark is provided at an end near the opening of an inner surface of the terminal-receiving chamber. Therefore, the mark can be easily recognized, so that the metal terminal indicated by the mark can be inserted into the mating terminal-receiving chamber by turns. In addition, a displacement between the mark and the connector housing

can be prevented, and since the mark is provided at the inner surface, a wrong association of the mark with the terminal-receiving chamber can be prevented. Consequently, a wrong insertion of the metal terminal into the terminal-receiving chamber can be prevented. Further, since the mark can be easily recognized, whether the specified metal terminal is inserted into the mating terminal-receiving chamber or not can be confirmed with the mark.

Replace the paragraph beginning at line 9, page 35, with the following rewritten paragraph:

According to this invention ~~as described in claim 4~~, a specified amount of the coloring agent is jetted toward the connector housing. Therefore, a mixture of the coloring agents deposited on the connector housing can be prevented. Accordingly, since each mark corresponding to each terminal-receiving chamber can be formed reliably, the metal terminal indicated by the mark can be inserted into the mating terminal-receiving chamber by turns. Therefore, the terminal-receiving chamber can be prevented from receiving a wrong metal terminal. Accordingly, a connector housing, of which terminal-receiving chamber can be prevented from receiving a wrong metal terminal, can be obtained. Moreover, since each mark corresponding to each terminal-receiving chamber can be formed reliably, whether the specified metal terminal is inserted into the mating terminal-receiving chamber or not can be confirmed with the mark.

Replace the paragraph beginning at line 24, page 35, with the following rewritten paragraph:

According to this invention ~~as described in claim 5~~, a specified amount of the coloring agent is jetted toward the surface of the partition wall of the connector housing. Therefore, the mark can be formed on one of the surfaces of the partition walls surrounding the opening of the terminal-receiving chamber; Accordingly, since the mark can be recognized easily, the metal terminal indicated by the mark can be inserted into the terminal-receiving chamber by turns. Therefore, the terminal-receiving chamber can be prevented from receiving a wrong metal terminal. Consequently, a connector housing, of which terminal-receiving chamber can be prevented from receiving a wrong metal terminal, can be obtained. Further, since the mark can be easily recognized, whether the specified metal terminal is inserted into the mating terminal-receiving chamber or not can be confirmed with the-mark.

Replace the paragraph beginning at line 15, page 36, with the following rewritten paragraph:

According to this invention ~~as described in claim 6~~, a specified amount of the coloring agent is jetted toward the end near the opening of the inner surface of the terminal-receiving chamber. Therefore, the mark can be formed at the end near the opening of the inner surface of the terminal-receiving chamber. Therefore, since the mark can be easily recognized, the metal terminal indicated by the mark can be sequentially inserted into the terminal-receiving chamber.

Replace the paragraph beginning at line 10, page 37, with the following rewritten paragraph:

According to this invention ~~as described in claim 7~~, a mark for indicating a metal terminal to be received in a mating terminal-receiving chamber is provided at each terminal-receiving chamber corresponding to the mark. Therefore, the metal terminal indicated by the mark can be by turns inserted into the mating terminal-receiving chamber. Accordingly, an insertion of a wrong metal terminal into the terminal-receiving chamber can be prevented.

Replace the paragraph beginning at line 3, page 38, with the following rewritten paragraph:

According to this invention ~~as described in claim 8~~, the mark is provided on one of the surfaces of the partition walls surrounding the opening of the terminal-receiving chamber. Therefore, the mark can be easily recognized, and a displacement between the mark and the connector housing can be prevented. Therefore, since the mark can be recognized easily, by inserting the metal terminal indicated by the mark into the mating terminal-receiving chamber, the terminal-receiving chamber can be prevented from receiving a wrong metal terminal. Further, since the mark formed on the outer surface of the connector housing can be easily recognized, whether the specified metal terminal is inserted into the mating terminal-receiving chamber or not can be confirmed with the mark.

Replace the paragraph beginning at line 16, page 38, with the following rewritten paragraph:

According to this invention ~~as described in claim 9~~, the mark is provided at the end near the opening of an inner surface of the terminal-receiving chamber. Therefore, the mark can be easily

recognized, and a displacement between the mark and the connector housing can be prevented. Further, since the mark is provided on the inner surface, the wrong association of the mark with the terminal-receiving chamber can be prevented. Therefore, since the mark can be recognized easily, by inserting the metal terminal indicated by the mark into the mating terminal-receiving chamber, the terminal-receiving chamber can be prevented from receiving a wrong metal terminal. Further, since the mark formed on the outer surface of the connector housing can be easily recognized, whether the specified metal terminal is inserted into the mating terminal-receiving chamber or not can be confirmed with the mark.